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US Dept. of Commerce Pat. & Trademark Office

Attorney's Docket No.

23155

TRANSMITTAL LETTER TO THE UNITED STATES
DESIGNATED/ELECTED OFFICE (DO/EO/US)
CONCERNING A FILING UNDER 35 USC 371

US. Application No. (if known)

10/520999

INTERNATIONAL APP. NO.

PCT/DE2003/002290

INTERNATIONAL FILING DATE

8 July 2003

PRIORITY DATE CLAIMED

10 July 2002

TITLE OF INVENTION

NUCLEOTIDE SEQUENCES THAT ENCODE DEREGLATED PHOSPHOGLYCER

APPLICANT(S) FOR DO/EO/US

Lothar EGGELE et al

Applicant herewith submits to the United States Designated/Elected Office (DO/EU/US) the following .

1. ☐ This is a **FIRST** submission of items concerning a filing under 35 USC 371.
2. ☒ This is a **SECOND** or **SUBSEQUENT** submission of items concerning a filing under 35 USC 371.
3. ☐ This is an express request to begin national examination procedures (35 USC 371(f)) at any time rather than delay examination until the expiration of the applicable time limit set in 35 USC 317(b) and PCT Articles 22 and 39(1).
4. ☐ A proper Demand for International Preliminary Examination was made by the 19th month from the earliest claimed priority date.
5. ☐ A copy of the International Application as filed (35 USC 371(c)(2)).
 - a. ☐ is transmitted herewith (required only if not transmitted by the International Bureau.
 - b. ☐ has been transmitted by the International Bureau.
 - c. ☐ is not required, as the application was filed in the United States Patent Office.
6. ☐ A translation of the International application into English.
7. ☐ Amendments to the claims of the International Application under PCT Article 19 (35 USC 371(c)(3)).
 - a. ☐ are transmitted herewith (required only if not transmitted by the International Bureau.
 - b. ☐ have been transmitted by the International Bureau.
 - c. ☐ have not been made; however the time limit for making such amendments has NOT expired.
 - d. ☐ have not been made and will not be made.
8. ☐ A translation of the amendments to the claims under PCT Article 19 (35 USC 371(c)(3).
9. ☒ An oath or declaration of the inventor(s) (35 USC 371(c)(4).
10. ☐ A translation of the annexes to the International Preliminary Examination Report under PCT Article 36 (35 USC 371(c)(5)).

Items 11. to 16. below concern documents or information included:

11. ☐ An Information Disclosure Statement under 37 CFR 1.97 and 1.98.
12. ☒ An Assignment for recording. A separate cover sheet in compliance with 37 CFR 3.28 and 3.31 is included.
13. ☐ A **FIRST** preliminary amendment.
- ☐ A **SECOND** or **SUBSEQUENT** preliminary amendment.
14. ☐ A substitute specification.
15. ☐ A change of power of attorney and/or address letter.
16. ☒ Other items of information.

17. The following fees are submitted: Basic National Fee (37 CFR 1.492(a)(1)-(5): Search report has been prepared by the EPO or JP \$950.00 Int'l prel. exam. fee paid to USPTO (37 CFR 1.482) \$750.00 No int'l prel. exam. fee paid to USPTO (37 CFR 1.482) but int'l search fee paid to USPTO (37 CFR 1.445(a)(2)) \$790.00 Neither int'l prel. exam fee (37 CFR 1.482) nor int'l search fee (37 CFR 1.455(a)(2)) paid to USPTO \$1000.00 Intl. prel. exam. fee paid to USPTO (37 CFR 1.482) and all claims satisfied provisions of PCT Art. 33(2-4) \$200.00 <div style="text-align: center;">ENTER APPROPRIATE BASIC FEE AMOUNT</div>				CALCULATIONS PTO USE ONLY	
Surcharge of \$130.00 for furnishing oath or declaration later than <input type="checkbox"/> 20 <input checked="" type="checkbox"/> 30 months from the earliest claimed priority date (37 CFR 1.492(e)).				\$130	
CLAIMS	NO. FILED	NO. EXTRA	RATE		
Total claims					
Ind. claims					
MULTIPLE DEP. CLAIM(S) (if applicable) (see prel. amt.)					
TOTAL OF ABOVE CALCULATIONS				\$130	
Reduction of ½ for filing by small entity, if applicable. Verified Small Entity Statement must also be filed (37 CFR 1.2, 1.27, 1.28)				\$0	
SUBTOTAL				\$130	
Processing fee of \$130.00 for furnishing the English translation later than <input type="checkbox"/> 20 <input type="checkbox"/> 30 months from the earliest claimed priority date (37 CFR 1.492(f)).					
TOTAL NATIONAL FEE				\$130	
Fee for recording the enclosed assignment (37 CFR 1.21(h)). The Assignment may be accompanied by an appropriate PTO-1595 cover sheet (37 CFR 3.28, 3.39)				\$40	
TOTAL FEES ENCLOSED				\$170	
				Amt to be refunded	
				Amt to be charged	

a. ☐ A check in the amount of **\$130** to cover the above fees is enclosed
 b. ☐ Please charge my deposit account 18-2025 **\$00.00** to cover the above fees. A copy of this sheet is enclosed.
 c. ☒ Please charge the amount due to the credit card identified in the attached PTO-2038.
 d. ☒ The commissioner is authorized to charge any additional fees which may be required or credit any overpayment to deposit account 18-2025. A copy of this sheet is enclosed
 e. ☒ A PTO-2038 in the amount of **\$40** to cover recordal of the Assignment is enclosed

NOTE: Where an appropriate time limit under 37 CFR 1.494 or 1.495 has not been met, a petition to revive (37 CFR 1.137(a) or (b)) must be filed and granted to restore the application to pending status.

Send all correspondence to:

The Firm of Karl F. Ross P.C.
5676 Riverdale Ave. Box 900
Riverdale (Bronx), NY 10471

Herbert Dubno, Reg. No. 19,752

IA 4 Rec'd PCT/PTO 06 JAN 2006

Certificate of Express or First-Class Mailing
I hereby certify that I have deposited this correspondence with the US Postal Service as first-class or, if a mailing-label number is given below, as express mail addressed to Comm. of Patents, Box 1450, Alexandria, VA 22313-1450 on

23155

IN THE U.S. PATENT AND TRADEMARK OFFICE

JAN 6 2006

EV790894034

Inventor Lothar EGGELING et al
Patent App. 10/520,999 (US Nat'l phase of PCT/DE2003/002290)
Filed 7 January 2005
For NUCLEOTIDE SEQUENCES THAT ENCODE Deregulated PHOSPHOGLYCERATE DEHYDROGENASES

Hon. Commissioner of Patents
Box 1450 Alexandria, VA 22313-1450

RECORD OF TRANSMITTAL--PCT APPLICATION

- ☒ PCT Transmittal
- ☐ PCT Application
- ☐ Translation
- ☐ Sheets of Drawing (0)
- ☒ PCT Declaration
- ☐ PCT Documents
- ☐ International Search Report
- ☐ Preliminary Amendment
- ☒ Assignment (with PTO-1595 and sep. PTO-2038)
- ☒ PTO-2038 for Official Fees

☒ Late filing \$130.00

01/12/2006 LLANDGRA 00000055 10520999

01 FC:1617 130.00 DP Total \$130.00

Please charge any fees not covered by an enclosed PTO-2038 to account 18-2025 of the undersigned.

6 January 2006

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Bronx, NY 10471-0900
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Customer No. 535
rg

Respectfully submitted,
The Firm of Karl F. Ross P.C.

Herbert Dubno, Reg. 19,752

02/15/2006 10:00



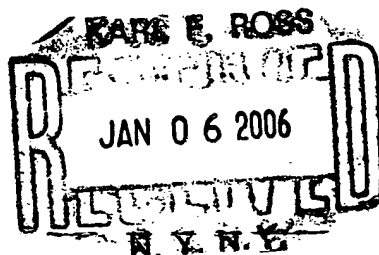
UNITED STATES PATENT AND TRADEMARK OFFICE

UNITED STATES DEPARTMENT OF COMMERCE
 United States Patent and Trademark Office
 Address: COMMISSIONER FOR PATENTS
 P.O. Box 1450
 Alexandria, Virginia 22313-1450
 www.uspto.gov

U.S. APPLICATION NUMBER NO.	FIRST NAMED APPLICANT	ATTY. DOCKET NO.
10/520,999	Lothar Eggeling	23155

INTERNATIONAL APPLICATION NO.	
PCT/DE03/02290	
I.A. FILING DATE	PRIORITY DATE
07/08/2003	07/10/2002

The Firm of KarlF Ross
 5676 Riverdale Ave
 Box 900
 Riverdale (Bronx), NY 10471



CONFIRMATION NO. 2791
 371 FORMALITIES LETTER



OC000000017764514

Date Mailed: 01/03/2006

NOTIFICATION OF MISSING REQUIREMENTS UNDER 35 U.S.C. 371 IN THE UNITED STATES DESIGNATED/ELECTED OFFICE (DO/EO/US)

The following items have been submitted by the applicant or the IB to the United States Patent and Trademark Office as a Designated / Elected Office (37 CFR 1.495).

- Copy of the International Application filed on 01/07/2005
- English Translation of the IA filed on 01/07/2005
- Copy of the International Search Report filed on 01/07/2005
- Copy of IPE Report filed on 01/07/2005
- Preliminary Amendments filed on 01/07/2005
- Information Disclosure Statements filed on 01/07/2005
- Biochemical Sequence Diskette filed on 01/07/2005
- Biochemical Sequence Listing filed on 01/07/2005
- U.S. Basic National Fees filed on 01/07/2005
- Priority Documents filed on 01/07/2005
- Specification filed on 01/07/2005
- Claims filed on 01/07/2005
- Abstracts filed on 01/07/2005
- Drawings filed on 01/07/2005
- Paper nucleotide sequence listings filed on 01/07/2005

The applicant needs to satisfy supplemental fees problems indicated below.

The following items **MUST** be furnished within the period set forth below in order to complete the requirements for acceptance under 35 U.S.C. 371:

- Oath or declaration of the inventors, in compliance with 37 CFR 1.497(a) and (b), identifying the application by the International application number and international filing date.
- To avoid abandonment, a surcharge (for late submission of filing fee, search fee, examination fee or oath

or declaration) as set forth in 37 CFR 1.492(h) of \$130 for a non-small entity, must be submitted with the missing items identified in this letter.

SUMMARY OF FEES DUE:

Total additional fees required for this application is **\$130** for a Large Entity:

- **\$130 Surcharge.**

ALL OF THE ITEMS SET FORTH ABOVE MUST BE SUBMITTED WITHIN TWO (2) MONTHS FROM THE DATE OF THIS NOTICE OR BY 32 MONTHS FROM THE PRIORITY DATE FOR THE APPLICATION, WHICHEVER IS LATER. FAILURE TO PROPERLY RESPOND WILL RESULT IN ABANDONMENT.

The time period set above may be extended by filing a petition and fee for extension of time under the provisions of 37 CFR 1.136(a).

Applicant is reminded that any communications to the United States Patent and Trademark Office must be mailed to the address given in the heading and include the U.S. application no. shown above (37 CFR 1.5)

*A copy of this notice **MUST** be returned with the response.*

VONDA M WALLACE

Telephone: (703) 308-9140 EXT 225

PART 1 - ATTORNEY/APPLICANT COPY

U.S. APPLICATION NUMBER NO.	INTERNATIONAL APPLICATION NO.	ATTY. DOCKET NO.
10/520,999	PCT/DE03/02290	23155